

## ***Project Summary and Justification***

Department      Public Works

Division            StarTran

Since public acquisition of the Lincoln City Lines in 1971, StarTran has been providing efficient, convenient, and economical public transportation services. The services provided comply with the current Comprehensive Regional Plan. Previous capital improvement programs have included equipment essential in StarTran's provision of services. The F.Y. 2002-2008 CIP describes capital items which will afford the opportunity for continued improvement of StarTran services. Future years include continued replacement of additional StarTran transit vehicles and purchase of associated equipment/items.

### **Project 1      Purchase of Full-size Buses**

Funds have been proposed, beginning F.Y. 2003-2004 and ending in F.Y. 2006-2007, to purchase 20 full-size replacement transit vehicles, with those vehicles to be purchased over a 5-year period with delivery in F.Y. 2006-2007. Local funding for the purchase of the 20 vehicles is comprised of City of Lincoln general revenues, and a portion of the funds received from the University of Nebraska per the portion of the StarTran/UNL Transportation Program designated for vehicle replacement. The Federal Transit Administration (FTA) regulations enable such phasing of buses as an alternate to the traditional direct purchase of vehicles. The twenty full-size transit vehicles will replace twenty current StarTran buses, all of which will exceed twelve years of operation by F.Y. 2007-2008. Federal Transit Administration requires that full-size transit vehicles have an operational economic life of twelve years, although StarTran has, and will likely to continue to, operate buses longer than the twelve-year life until replacement vehicles are acquired. Funds are proposed in F.Y. 2007-2008 to begin the accumulation of funding for replacement of 16 additional full-size transit vehicles, continuing a scheduled/programmed vehicle replacement program, which may, depending on future funding, be completed in less than five years. An evaluation was completed in 1994, and is updated annually, which analyzes the current structural and engine conditions of the StarTran fleet and determines a proposed replacement schedule of StarTran buses. The proposed purchase of 20 replacement transit vehicles in F.Y. 2003-2004 through 2007-2008, and subsequent continued vehicle replacement beginning in F.Y. 2007-2008 is in compliance with the StarTran vehicle replacement program.

### **Project 2      Purchase of Supervisor Vehicles**

Funds are proposed in F.Y. 2003-04 and F.Y. 2005-06 and 2007- 08 to purchase four replacement supervisor vehicles. The vehicles to be replaced are a 1992 Ford Tempo sedan, 1996 Dodge Caravan, a 1996 Dodge Intrepid and a 1999 Chevy Venture - analyses are conducted evaluating the vehicle conditions and which will justify the need to replace the four subject vehicles. The two mini-van supervisor vehicles, with 7-9 seats, are meeting the unique needs of StarTran supervisors, transporting supplies and schedules, and carrying patrons when necessary. The 1992 Ford Tempo, scheduled for replacement in F.Y. 2002-03, will be replaced by a 4 X 4 SUV-type vehicle, with capability to transport patrons in inclement weather.

***Project Summary and Justification (cont.)***

Department      Public Works

Division            StarTran

**Project 3      Shop Tools/Equipment**

Funds are proposed in each fiscal year for continued routine upgrade and replacement of tools and equipment, as well as for replacement due to unexpected breakage. Such tools and equipment include an air dryer, brake lathe, replacement of garage doors, and new lifting equipment.

**Project 4      Computer Hardware/Software**

Funds are proposed in F.Y. 2003-04, F.Y. 2005-2006 and F.Y. 2007-08 for continued routine upgrade/replacement of StarTran computer hardware and software. Such funding will afford the opportunity for maintaining effective computer services for StarTran administration, operators, and maintenance functions. Staff training courses utilizing computerized programs are integrated as part of the continuing StarTran training program.

**Project 5      Purchase of Bus Passenger Shelters**

Nine bus passenger shelters are proposed to be purchased in F.Y. 2006-2007. StarTran patrons have consistently identified the desirability of shelters to facilitate their utilization of StarTran services. Shelters are located at key locations on the StarTran routes. When possible, adjacent property owners, particularly employers, are encouraged to participate in construction costs and in the cleaning of the shelter.

**Project 6      Purchase of Shredder**

The paper shredder utilized by StarTran was installed in F.Y. 1993-94. Such equipment has a typical economic life of approximately 5 to 7 years. Funds are included in F.Y. 2004-05 for replacement. The paper shredder has been an effective means of destroying used paper fare devices to insure that such devices are not reused.

**Project 7      Purchase of Replacement Service Vehicle**

Funds are included in F.Y. 2005-2006 to replace the 1980 International sanding truck. This vehicle is utilized by StarTran maintenance staff as a snow removal and sanding vehicle.

**Project 8      Handi-Van Replacement**

Funds are included for normal replacement of our current HandiVan fleet. The fleet currently consists of seven 1995 Ford Vans, one 1993 Ford Van and one 1997 Ford Van which have an economic life of seven years. Funds are programmed in F.Y. 2002-03 for purchase of eight replacement HandiVan vehicles. All eight vehicles for which funds have been, and are being, programmed will be purchased in one order, to insure consistency in vehicles/parts and lower purchase costs.

***Project Summary and Justification (cont.)***

Department	Public Works
Division	StarTran

**Project 9      Farebox Purchase**

Funds are included in F.Y. 2006-07 for replacement of all bus fareboxes. Currently, the fareboxes are 14 years old and have exceeded their normal operating life. Replacement of fareboxes will afford the opportunity to continue to effectively collect accurate passenger fares and process fare structure information for routine analysis. StarTran will have the potential to implement the “smart card” technology in conjunction with the replacement of the fareboxes, which would enable patrons to utilize a debit card to make fare transactions.

**Project 10      Floor Scrubber**

Funds are included in F.Y. 2007-08 for the replacement of a floor scrubber. The current scrubber was purchased in 1982 and will have exceeded its normal operating life. The scrubber is utilized on all garage floors to effectively clean oil, grease and dirt build-up.

**Project 11      Air Conditioning System**

Funds are included in F.Y. 2007-08 to replace the air conditioning system in the office areas. The current system was installed in 1985 and its economic life will have been passed. The current system produces insufficient air flow.

**Project 12      “G” Street Building Roof**

Funds are included in F.Y. 2007-08 to replace the roof on the building located at 7th and “G” street. This building is currently used as an additional bus and parts storage area. The current roof is over 30 years old and there is considerable leaking and deterioration on the roof. StarTran shares the building with Lincoln Parks & Recreation and Lincoln Fire Department. The funds programmed by StarTran would cover half the cost of replacing the roof, with the Parks & Recreation and Fire Department expected to cover the rest of the cost.

# Lincoln CIP 2002 - 2008

# StarTran



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**Lincoln Future Service Limit Shown as Gray**

Map prepared by  
City - Co. Planning Dept  
GIS Section

**M I L E S**  
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StarTran Garage

*List of Projects*      *Department: Public Works / StarTran*

Project Number	Project Title
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- |      |                                |
|------|--------------------------------|
| (1)  | Purchase of 20 Full Size Buses |
| (2)  | Supervisors Vehicles           |
| (3)  | Shop Tools / Equipment         |
| (4)  | Computer (Hardware & Software) |
| (5)  | Shelters                       |
| (6)  | Purchase Paper Shredder        |
| (7)  | Replacement Service Vehicle    |
| (8)  | Handi-Van Replacement          |
| (9)  | Farebox Purchase               |
| (10) | Floor Scrubber                 |
| (11) | Air Conditioning System        |
| (12) | "G" Street Building Roof       |

\*Project number in parenthesis indicates project is not shown on the map.

2002 - 2008 CAPITAL IMPROVEMENT PROGRAM

DIVISION: STARTRAN

(1) PROJ. NO.	(2) PROJECT TITLE	(3) PROJ. PRIO.	(4) 5% Inflation per year											
			PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)											
			2002-2003	FS	2003-2004	FS	2004-2005	FS	2005-2006	FS	2006-2007	FS	2007-2008	FS
1	Purchase/Financing of 20 Full Size Buses	A	769.5	FA	1,151.3	FA	1,077.0	FA	924.3	FA	983.6	FA		
					159.8	GR	144.6	GR	105.3	GR	117.8	GR		
			116.3	SR1	86.0	SR1	86.0	SR1	94.0	SR1	94.0	SR1		
1A	Purchase/Financing of 16 Full Size Buses	A											1,541.9	FA
													221.8	GR
													94.0	SR1
2	Purchase of Supervisors Vehicles	A			20.8	FA			17.6	FA			24.0	FA
					5.2	GR			4.4	GR			6.0	GR
3	Shop Tools/Equipment	A			25.6	FA	21.2	FA	25.6	FA	28.8	FA	20.0	FA
					6.4	GR	5.3	GR	6.4	GR	7.2	GR	5.0	GR
4	Computer Hardware & Software	A			16.0	FA			17.6	FA			16.0	FA
					4.0	GR			4.4	GR			4.0	GR
5	Purchase of Bus Passenger Shelters	A									36.0	FA		
											9.0	GR		
6	Purchase of Shredder	A					8.0	FA						
							2.0	GR						
7	Purchase of Replacement Service Vehicles	A							36.0	FA				
									9.0	GR				
8	HandiVan Vehicle Replacement	A	281.2	FA										
			57.6	GR										
9	Farebox Purchase	A									185.6	FA		
											46.4	GR		
10	Floor Scrubber	A											40.0	FA
													10.0	GR
11	Air Conditioner	A											40.0	FA
													10.0	GR
12	G Street Building Roof	A											40.0	FA
													10.0	GR
FUNDING SOURCE BREAKDOWN:														
	FA (Federal Aids)		1,050.7		1,213.7		1,106.2		1,021.1		1,234.0		1,721.9	
	GR (General Revenues)		57.6		175.4		151.9		129.5		180.4		266.8	
	SR1 (Special Reserves)		116.3		86.0		86.0		94.0		94.0		94.0	
			=====		=====		=====		=====		=====		=====	
	<b>DIVISION TOTAL:</b>		1,224.6		1,475.1		1,344.1		1,244.6		1,508.4		2,082.7	

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2007-2008 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.	
		(000's)	YEAR FS	(5)+(6)+(7)			PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)		
4,905.6	None	None		4,905.6	GCP	2						5,909.4		1
527.5				527.5										
476.3				476.3										
1,541.9	None	None		1,541.9	GCP	2						1,857.7		1A
221.8				221.8										
94.0				94.0										
62.4	None	None		62.4	GCP	2						78.0		2
15.6				15.6										
121.2	None	None		121.2	GCP	0						151.5		3
30.3				30.3										
49.6	None	None		49.6	GCP	2						62.0		4
12.4				12.4										
36.0	None	None		36.0	GCP	2						45.0		5
9.0				9.0										
8.0	None	None		8.0	GCP	2						10.0		6
2.0				2.0										
36.0	None	None		36.0	GCP	2						45.0		7
9.0				9.0										
281.2	None	None		281.2	GCP	2						338.8		8
57.6				57.6										
185.6	None	None		185.6	GCP	2						232.0		10
46.4				46.4										
40.0	None	None		40.0	GCP	2						50.0		11
10.0				10.0										
40.0	None	None		40.0	GCP	8						50.0		12
10.0				10.0										
40.0	None	None		40.0	GCP	2						50.0		13
10.0				10.0										
7,347.6														
961.6														
570.3														
=====														
8,879.5														

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